

J. Carter Watson

[linkedin.com/in/cartwatson](https://www.linkedin.com/in/cartwatson) | www.cartwatson.com | github.com/cartwatson

EDUCATION

Utah State University, Logan UT
B.S. Computer Science

Dec 2023

EXPERIENCE

Space Dynamics Lab, Logan UT

Mixed Reality Software Engineering Assistant

Jul 2022 - Present

- Created web and mixed reality applications for Internal R&D
- Implemented user authentication systems, delivering a seamless user experience across platforms
- Awarded Student Scholar for going above and beyond expectations

Software Engineering Assistant

Jan 2021 - Feb 2022

- Facilitated leading Factory Acceptance Testing to fulfill requirements of the government contract
- Enhanced virtual system security through dynamic configuration
- Saved 4-6 hours every release cycle by automating regression testing

MPWR, San Diego CA - *Sales Representative*

May 2022 - Jun 2022

- Talked to over 2000 homeowners leading to a gross revenue of over 40k

Petersen Inc, Ogden UT - *Project Management Intern*

May 2020 - Aug 2020

- Restructured inventory systems resulting in ~40% reduction in missing parts
- Optimized inventory management by expediting components and resolving discrepancies

PROJECTS

Choose Your Own Adventure, Hack USU

Mar 2023

- Received the Beginner Award in the AI & ML category
- Implemented GPT-3.5Turbo API to prompt GPT for unique characters and adventures

Dan's Auto Barn, CS 3450 - *Scrum Master*

Jan 2023 - May 2023

- Lead an 4-person agile-scrum team over four months to create a demo car
- live demo available at www.dansautobarn.com

VR Heart Sync, CS 5890

Mar 2023 - May 2023

- Created a virtual reality application that enhanced immersion by leveraging heart rate data from a peripheral device
- Pioneered the new technique to allow easier selection to adapt to user fatigue levels

ORGANIZATIONS

InterFraternal Council, USU - *President*

Nov 2021 - Nov 2022

- Tripled recruitment by reorganizing and standardizing inter-chapter recruitment

IEEE, USU - *Community Representative*

Aug 2021 - Aug 2022

- Lead Arduino workshop for 30 technical and non-technical students

Engineering Council, USU - *Student Advocate*

Aug 2020 - Aug 2022

- Implemented methods to better hear students concerns for the College of Engineering

Order of Omega, USU - *Member*

Jan 2022 - Present

- GPA in the top 10% of Fraternity and Sorority Life

CORE COMPETENCIES

C# | Java | Python | VR | MR | AR | Atlassian Suite | Bash | Unix | Git | Documentation WebDev | Linux
Visual Studio | VS Code | .NET | Javascript | Software Testing | Program Management | Leadership